



NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance

for Weighing and Measuring Devices

For:

Non-Computing Scale
Digital Electronic
Model: VPSII Series
Capacity: See Table
 $n_{\max}$: 6 000
 $e_{\min}$: 0.001 kg/0.002 lb
Accuracy Class: III

***Submitted By: Contact Info. Updated November 2024**

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Standard Features and Options

- Automatic Zero Tracking (AZT)
- Semi-Automatic Zero (Push Button)
- Keyboard Tare
- AC / DC External Power Supply
- Gross / Net Display
- Liquid Crystal Display
- Units: Kilogram (kg), Gram (g), Pound (lb), Ounce (oz),
- Initial Zero Setting Mechanism (IZSM)
- Over/Under Check Weighing Capabilities
- RS-232 Communication Port
- Linearity Calibration Points
- External Printer
- Motion Detection
- Category 1 Sealing Method
- Center of Zero Annunciator
- Optional Battery Power Source
- Auto Power Shut Off
- Wireless Communication (WI-FI/ Bluetooth)
- External Unit Conversion (Push Button)

Load Cells Used: See selection below **Non-NTEP** certified:

Load cell Manufacture	Load cell Model
UWE	022-10kg
UWE	022-20kg
UWE	022-35kg
UWE	022-100kg

This device was evaluated under the National Type Evaluation Program and was found to comply with the applicable technical requirements of *Handbook 44: Specifications, Tolerances and Other Technical Requirements for Weighing and Measuring Devices*. Evaluation results and device characteristics necessary for inspection and use in commerce are on the following pages. *Editorial changes, not affecting the type or metrological content, corrected this certificate.

Marc Paquette
Chairman, NCWM, Inc.

Gene Robertson
Chair, NTEP Committee
Issued: September 9, 2024

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Universal Weight Electronics Co., Ltd.
Non-Computing Scale / VPSII Series

Model	Main Unit	Capacity (kg)	e = d (kg)	Capacity (lb)	e = d (lb)	n _{max}	Accuracy Class
VPSII	kg	6	0.001	12	0.002	6000	III
VPSII	kg	12	0.002	30	0.005	6000	III
VPSII	kg	30	0.005	60	0.01	6000	III
VPSII	kg	60	0.01	120	0.02	6000	III

Platter Size: 28cm x 33cm

Application: For use in general purpose weighing applications

Identification: The required markings are located on a label affixed to the housing of the scale and is a tamper proof void if removed type of label.

Sealing: Device is sealed by two bolts with holes drilled through on the back of the indicator for a lead and wire seal. Device also has optional paper tamper evident seal that must be cut or peeled exposing the word void. This prevents opening the indicator to access a calibration/ configuration jumper that must be removed to access calibration and configuration mode.

Test Conditions: The emphasis of the evaluation was on the device design, operation, performance, markings, and compliance with influence factors. Models VSP11-6 and VPS11-60 were submitted for evaluation. Devices were subjected to multiple increasing/decreasing tests, eccentricity, and discrimination testing. Devices were also subjected to testing over a temperature range of -10 °C to 40 °C. (14 °F to 104 °F). Permanence testing was completed after 100 000 weighments and a repeat of increasing/decreasing, discrimination, and eccentricity tests were performed. Devices were tested within a voltage range from 102 VAC to 132 VAC and 5.5 VDC to 13.2 VDC. Devices were also tested for proper unit conversion and proper power save auto shut off option functionality.

Evaluated By: J. Coffey (OH) 24-085 (CN-11071)

Type Evaluation Criteria Used: *NIST Handbook 44 Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices*, 2024 Edition. *NCWM Publication 14 Weighing Devices*, 2024 Edition.

Conclusion: The results of the evaluation and information provided by the manufacturer indicate the device complies with applicable requirements.

Information Reviewed By: D. Flocken (NCWM) 24-085



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Examples of Device:

